

METHOD AND DEVICE FOR DELIVERING
AEROSOLIZED MEDICAMENTS

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ABSTRACT OF THE DISCLOSURE

A device for accurately delivering aerosolized doses of a medicament disperses a measured amount of drug in a measured volume of carrier gas and transfers the resulting aerosol to a chamber prior to inhalation by a patient. The 10 chamber is filled efficiently with the aerosol, and inhalation by the patient draws the aerosol dose into the lungs. This is followed by the inhalation of atmospheric air that will push the initial dose well into the lung interiors. The apparatus optimally includes a dose regulator, a counter, a clock, a dose 15 memory and a signal to indicate when a dose is ready for inhalation. Optimal chamber designs are disclosed.